

SEQUENCE LISTING

<110> Reifsnyder, David
Inlow, Duane
Dorin, Glenn
Riquelme, Patricio
Cowgill, Cynthia
Bolesch, Doug
Gustafson, Mark

<120> Improved Method of Purifying TFPI and TFPI Analogs

<130> 012441.00050

<150> US 60/494,546

<151> 2003-08-13

<150> US 60/509,277

<151> 2003-10-08

<150> US 60/512,199

<151> 2003-10-20

<160> 44

<170> FastSEQ for Windows Version 4.0

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Gly	Pro	Cys	Lys	Ala	Ile	Met	Lys	Arg	Phe	Phe	Phe	Asn	Ile	Phe	Thr
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Arg	Gln	Cys	Glu	Glu	Phe	Ile	Tyr	Gly	Gly	Cys	Glu	Gly	Asn	Gln	Asn
		50				55					60				
Arg	Phe	Glu	Ser	Leu	Glu	Glu	Cys	Lys	Lys	Met	Cys	Thr	Arg	Asp	Asn
65				70						75				80	
Ala	Asn	Arg	Ile	Ile	Lys	Thr	Thr	Leu	Gln	Gln	Glu	Lys	Pro	Asp	Phe
			85					90						95	
Cys	Phe	Leu	Glu	Glu	Asp	Pro	Gly	Ile	Cys	Arg	Gly	Tyr	Ile	Thr	Arg
		100						105					110		
Tyr	Phe	Tyr	Asn	Asn	Gln	Thr	Lys	Gln	Cys	Glu	Arg	Phe	Lys	Tyr	Gly
		115					120					125			
Gly	Cys	Leu	Gly	Asn	Met	Asn	Asn	Phe	Glu	Thr	Leu	Glu	Glu	Cys	Lys
		130				135					140				

Asn	Ile	Cys	Glu	Asp	Gly	Pro	Asn	Gly	Phe	Gln	Val	Asp	Asn	Tyr	Gly
145					150					155					160
Thr	Gln	Leu	Asn	Ala	Val	Asn	Asn	Ser	Leu	Thr	Pro	Gln	Ser	Thr	Lys
				165					170						175
Val	Pro	Ser	Leu	Phe	Glu	Phe	His	Gly	Pro	Ser	Trp	Cys	Leu	Thr	Pro
			180					185					190		
Ala	Asp	Arg	Gly	Leu	Cys	Arg	Ala	Asn	Glu	Asn	Arg	Phe	Tyr	Tyr	Asn
	195						200					205			
Ser	Val	Ile	Gly	Lys	Cys	Arg	Pro	Phe	Lys	Tyr	Ser	Gly	Cys	Gly	Gly
	210					215					220				
Asn	Glu	Asn	Asn	Phe	Thr	Ser	Lys	Gln	Glu	Cys	Leu	Arg	Ala	Cys	Lys
225					230					235					240
Lys	Gly	Phe	Ile	Gln	Arg	Ile	Ser	Lys	Gly	Gly	Leu	Ile	Lys	Thr	Lys
				245					250						255
Arg	Lys	Arg	Lys	Lys	Gln	Arg	Val	Lys	Ile	Ala	Tyr	Glu	Glu	Ile	Phe
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Val	Lys	Asn	Met												
			275												

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 Asp Glu Glu His Thr Ile Ile Thr
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<400> 3
 Glu Glu Ile Phe Val Lys Asn Met
 1 5

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Glu	Phe	His	Gly	Pro	Ser	Trp	Cys	Leu	Thr	Pro	Ala	Asp	Arg	Gly	Leu
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Cys	Arg	Ala	Asn	Glu	Asn	Arg	Phe	Tyr	Tyr	Asn	Ser	Val	Ile	Gly	Lys
			20					25					30		
Cys	Arg	Pro	Phe	Lys	Tyr	Ser	Gly	Cys	Gly	Gly	Asn	Glu	Asn	Asn	Phe
		35					40				45				
Thr	Ser	Lys	Gln	Glu	Cys	Leu	Arg	Ala	Cys	Lys	Lys	Gly	Phe	Ile	Gln
	50					55					60				
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Lys Ala Asp Asp Gly Pro Cys Lys Ala Ile Met Lys Arg Phe Phe Phe
20 25 30
Asn Ile Phe Thr Arg Gln Cys Glu Glu Phe Ile Tyr Gly Gly Cys Glu
35 40 45
Gly Asn Gln Asn Arg Phe Glu Ser Leu Glu Glu Cys Lys Lys Met Cys
50 55 60
Thr Arg
65

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<400> 9
Arg Asp Asn Ala Asn Arg Ile
1 5

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Lys Met Cys Thr Arg Asp
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Lys Ala Ile Met Lys Arg
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Lys Gln Glu Cys Leu Arg Ala
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Arg Gly Tyr Ile Thr Arg Tyr
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<210> 15
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Lys Gly Gly Leu Ile Lys Thr
1 5

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<400> 16
Lys Cys Arg Pro Phe Lys Tyr
1 5

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<400> 17
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Lys Gly Phe Ile Gln Arg Ile
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<400> 19
Lys Lys Gly Phe Ile Gln Arg Ile
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Arg Tyr Phe Tyr Asn Asn Gln Thr Lys Gln
1 5 10

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Lys Phe Glu Ser Leu Glu Glu Cys Lys Lys Met
1 5 10

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<400> 22
Arg Phe Glu Ser Leu Glu Glu Cys Lys Lys
1 5 10

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<400> 23
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1 5 10 15
Arg Phe

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Arg Phe Tyr Tyr Asn Ser Val Ile Gly Lys Cys
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Lys Leu Met His Ser Phe Cys Ala Phe Lys Ala
1 5 10

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<400> 26
Lys Ile Ala Tyr Glu Glu Ile Phe Val Lys Asn
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Gly Thr Gln Leu Asn Ala Val Asn Asn Ser Leu Thr Pro Gln Ser Thr
20 25 30
Lys Val

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<400> 28
Lys Tyr Gly Gly Cys Leu Gly Asn Met Asn Asn Phe Glu Thr Leu Glu
1 5 10 15
Glu Cys Lys Asn
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Leu	Pro	Pro	Leu	Lys	Leu										
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Asp	Pro	Gly	Ile	Cys	Arg	Gly									
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<400> 31

Lys	Tyr	Gly	Gly	Cys	Leu	Gly	Asn	Met	Asn	Asn	Phe	Glu	Thr	Leu	Glu
1				5					10					15	
Glu	Cys	Lys	Asn	Ile	Cys	Glu	Asp	Gly	Pro	Asn	Gly	Phe	Gln	Val	Asp
			20					25					30		
Asn	Tyr	Gly	Thr	Gln	Leu	Asn	Ala	Val	Asn	Asn	Ser	Leu	Thr	Pro	Gln
		35					40					45			
Ser	Thr	Lys	Val												
		50													

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<211> 21

<212> PRT

<213> Homo sapiens

<400> 32

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Pro	Ala	Asp	Arg	Gly											
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 1 5 10

<210> 34
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<400> 34
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 1 5 10 15
 Pro Gly Ile Cys Arg
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<210> 35
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<400> 35
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 1 5 10 15
 Pro Gly Ile Cys Arg
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<400> 36
 Thr Thr Leu Gln Gln Glu Lys Pro Asp Phe Cys Phe Leu Glu Glu Asp
 1 5 10 15
 Pro Gly Ile Cys Arg
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<210> 37
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<400> 37
 Val Pro Ser Nva Phe Glu Phe His Gly Pro Ser Trp Cys Leu Thr Pro
 1 5 10 15
 Ala Asp Arg

<210> 38
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<400> 38

Val	Pro	Ser	Leu	Phe	Glu	Phe	His	Gly	Pro	Ser	Trp	Cys	Nva	Thr	Pro
1				5					10					15	
Ala	Asp	Arg													

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<212> PRT

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<400> 39

Val	Pro	Ser	Leu	Phe	Glu	Phe	His	Gly	Pro	Ser	Trp	Cys	Leu	Thr	Pro
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Ala	Asp	Arg													

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Asp	Thr	Glu	Leu	Pro	Pro	Leu	Lys	Leu	Met	His	Ser	Phe	Cys	Ala	Phe
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Lys	Ala														

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Phe	Glu	Ser	Leu	Glu	Glu	Cys	Lys	Lys	Met	Cys	Thr	Arg
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30

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<211> 1118

<212> DNA

<213> Homo sapiens

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tataggggaga	ccacaacggt	ttccctctag	aaataatttt	gtttaacttt	aagaaggaga	180
tatatccatg	gctgattctg	aagaagatga	agaacatact	attatcactg	atactgaact	240
gccaccgctg	aaactgatgc	attcattttg	tgcattcaag	gcggaacgacg	gcccgtgcaa	300
agccatcatg	aagcgcttct	tcttcaacat	cttcactcgt	cagtgcgaag	aatttatata	360
tgggggatgt	gaaggaaatc	agaatcgatt	tgagtccttc	gaagaatgca	agaagatgtg	420
caccgcgcac	aacgcaaaca	ggattataaa	gacaacattg	caacaagaaa	agccagattt	480
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caatcagaca	aaacagtgtg	aacgtttcaa	gtatgggtga	tgcttgggca	atatgaacaa	600
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ggataattat	ggaacccagc	tcaatgctgt	gaataactcc	ctgactccgc	aatcaaccaa	720
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gagggcatgt	aaaaaagggt	tcatccaaag	aatatcaaaa	ggaggcctaa	ttaaaaccaa	960
aagaaaaaga	aagaagcaga	gagtgaaaat	agcatatgaa	gaaatttttg	ttaaaaatat	1020
gtaataaaaag	cttatcgatg	ataagctgtc	aaacatgaga	attcgatatc	aacgcaacga	1080
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catgaagcgc	ttctttcttca	acatcttcac	tcgtcagtgc	gaagaattta	tatatggggg	180
atgtgaagga	aatcagaatc	gatttgagtc	cctcgaagaa	tgcaagaaga	tgtgcacccg	240
cgacaacgca	aacaggatta	taaagacaac	attgcaacaa	gaaaagccag	atTTctgctt	300
tttggaaaga	gatcctggaa	tatgtcgagg	ttatattacc	aggtattttt	ataacaatca	360
gacaaaacag	tgtgaacggt	tcaagtatgg	tggatgcctg	ggcaatatga	acaattttga	420
gacactggaa	gaatgcaaga	acattttgtg	agatgggtccg	aatggtttcc	aggtggataa	480
ttatggaacc	cagctcaatg	ctgtgaataa	ctccctgact	ccgcaatcaa	ccaaggttcc	540
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gtacagtgga	tgtgggggaa	atgaaaacaa	ttttacttcc	aaacaagaat	gtctgagggc	720
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